



SEQUENCE LISTING

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TECH CENTER 1600/2900

<110> Suhrbier, Andreas
Thomson, Scott Anthony
Khanna, Rajiv
Burrows, Scott Renton
Coupar, Barbara Elizabeth Howieson
Moss, Denis James

<120> Polyepitope Vaccines

<130> FBRC:004USC1

<140> 09/576,101
<141> 2000-05-22

<140> 08/776,337
<141> 1997-01-27

<160> 26

<170> PatentIn Ver. 2.1

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<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 1
Ala Ser Asn Glu Asn Met Asp Ala Met
1 5

<210> 2
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<220>
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Peptide

<400> 2
Asp Thr Pro Leu Ile Pro Leu Thr Ile Phe
1 5 10

<210> 3
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<220>
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Peptide

<400> 3
Glu Glu Gly Ala Ile Val Gly Glu Ile
1 5

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Peptide

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Glu Glu Asn Leu Leu Asp Phe Val Arg Phe
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<210> 5
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Peptide

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Phe Ala Pro Gly Asn Tyr Pro Ala Leu
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<210> 6
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Peptide

<400> 6
Phe Leu Arg Gly Arg Ala Tyr Gly Leu
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<210> 7
<211> 9
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 7

His Leu Ala Ala Gln Gly Met Ala Tyr
1 5

<210> 8

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 8

Ile Val Thr Asp Phe Ser Val Ile Lys
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<210> 9

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 9

Lys Glu His Val Ile Gln Asn Ala Phe
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<210> 10

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<212> PRT

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 10

Met Ser Thr Asn Ser Phe Leu Arg Gly Arg Ala Tyr Gly Leu Gln Ala
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Lys Trp Arg Leu Gln Thr Leu Glu Glu Asn Leu Leu Asp Phe Val Arg
20 25 30

Phe	Ser	Val	Arg	Asp	Arg	Leu	Ala	Arg	Leu	Lys	Glu	His	Val	Ile	Gln
		35					40					45			
Asn	Ala	Phe	Tyr	Pro	Leu	His	Glu	Gln	His	Gly	Met	His	Leu	Ala	Ala
		50				55					60				
Gln	Gly	Met	Ala	Tyr	Asp	Thr	Pro	Leu	Ile	Pro	Leu	Thr	Ile	Phe	Ile
	65				70					75					80
Val	Thr	Asp	Phe	Ser	Val	Ile	Lys	Asn	Asn	Leu	Val	Ser	Gly	Pro	Glu
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His

<210> 11
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 Peptide

<400> 11
 Gln Ala Lys Trp Arg Leu Gln Thr Leu
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<210> 12
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 Peptide

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 Arg Pro Gln Ala Ser Gly Val Tyr Met
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<210> 13
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<400> 13
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<212> PRT
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Peptide

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<210> 15
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Peptide

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<210> 16
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Peptide

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Peptide

<400> 17

Ser Val Arg Asp Arg Leu Ala Arg Leu
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Peptide

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<210> 19
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<220>
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Peptide

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<210> 20
<211> 9
<212> PRT
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Peptide

<400> 20
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<210> 21
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Peptide

<400> 21
Tyr Pro His Phe Met Pro Thr Asn Leu
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<210> 22
<211> 9
<212> PRT
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<220>
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Peptide

<400> 22
Tyr Pro Leu His Glu Gln His Gly Met
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<210> 23
<211> 106
<212> PRT
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<220>
<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 23
Met Ser Arg Ala Ser Asn Glu Asn Met Asp Ala Met Ser Ile Ile Asn
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Phe Glu Lys Leu Thr Tyr Gln Arg Thr Arg Ala Leu Val Ser Asp Tyr
20 25 30

Glu Gly Arg Leu Ile Tyr Pro His Phe Met Pro Thr Asn Leu Thr Ser
35 40 45

Ser Gly Pro Ser Asn Thr Pro Pro Glu Ile Phe Ala Pro Gly Asn Tyr
50 55 60

Pro Ala Leu Ser Tyr Ile Pro Ser Ala Glu Lys Ile Glu Glu Gly Ala
65 70 75 80

Ile Val Gly Glu Ile Arg Pro Gln Ala Ser Gly Val Tyr Met Pro Arg
85 90 95

Asn Asn Leu Val Ser Gly Pro Glu His Leu
100 105

<210> 24
<211> 327
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic
Primer

<400> 24

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ttcatgccta ccaacctgac tagtagtggg cccagtaaca ccccgccaga gatcttcgcc 180
ccaggcaact accctgccct gagctacatc ccaagcgccg agaagatcga gagaggcgcc 240
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<210> 25

<211> 4

<212> PRT

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<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 25

Ser Thr Asn Ser

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<210> 26

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic
Peptide

<400> 26

Asn Asn Leu Val Ser Gly Pro Glu His

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